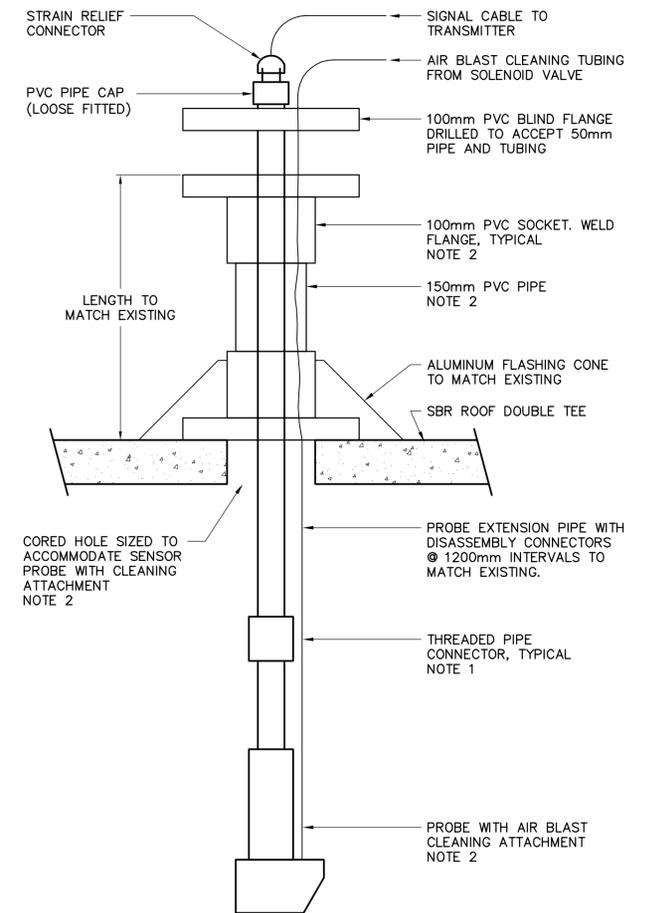


NOTE:
1. WHEN CORING NEW PENETRATIONS IN EXISTING PRECAST TEES, DO NOT CORE ON SEAMS. CORE BETWEEN LEGS OF TEE, MAINTAINING A MINIMUM CLEAR DISTANCE OF 915mm FROM FACE OF PIPE TO FACE OF LEG.

1 PROBE INSTALLATION DETAIL
SCALE 1:50



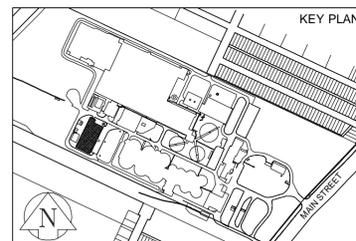
NOTES:
1. USE PIPE JOINT COMPOUND AT CONNECTORS TO ENSURE WATER TIGHT JOINTS.
2. VERIFY PROBE CLEARANCE, DIMENSIONS BEFORE INSTALLATION AND ADJUST DIMENSIONS IF NEEDED.

2 PROBE MOUNT DETAIL
SCALE N.T.S.

UPPER LEVEL PLAN
SCALE : 1:100

KEYNOTES:
1. EXISTING OPENING FOR INSTRUMENTATION TO BE SEALED WITH BLIND FLANGE.
2. EXISTING OPENING FOR INSTRUMENTATION TO BE RE-USED.
3. NEW OPENING FOR INSTRUMENTATION. SEE DETAIL 1.

NOTES:
1. LOCATIONS OF EXISTING PROBE PENETRATIONS ARE APPROXIMATE. CONFIRM ACTUAL DIMENSIONS & LOCATIONS OF NEW PENETRATIONS PRIOR TO CORING & INSTALLATION.



AECOM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: April 6/16

B.M. ELEV.			
DESIGNED BY	RB	CHECKED BY	RB
DRAWN BY	RC	APPROVED BY	RB
SCALE: HORIZONTAL	AS SHOWN	RELEASED FOR CONSTRUCTION	
DATE	2016 04 05	DATE	
ISSUED FOR TENDER: BID OP 145-2016	16/04/06	SRG	
NO.	REVISIONS	DATE	BY

AECOM

CONSULTANT DRAWING NUMBER
D-1003

PROVINCE OF MANITOBA
K.J. SEARS
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2016 NEWPCC
SBR UPGRADES
PROCESS
SBR TANKS
UPPER LEVEL PLANS & DETAILS

CITY DRAWING NUMBER
1-0101C-P0052-001-00

SHEET **13** OF **18**